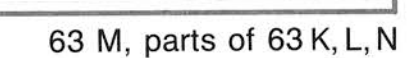


**Complexes:** where two or more classes of terrain are interspersed in a mosaic of repeating pattern that is important for each component, the combination is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "WvO/R" means that at least 60% of the area is underlain by thin till, with up to 40% boggy areas, and less than 15% scattered rock outcrops. "Rc/Rn" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.


Surficial geology was modified from Quaternary Geology of the Precambrian Shield of Saskatchewan, 1984, Map 221A (to accompany report 221) by B.T. Schreiner



Note: This legend is common for Regional Geochemical Reconnaissance Map 73-1984, Open File 1129

- |    |        |  |
|----|--------|--|
|    |        | PRECAMBRIAN<br>BASINMENT COMPLEX   |
| 10 | (UMFC) | Mafic and ultramafic rocks; includes gabbro, pyroxenite, diorite, quartz diorite and basalt  |
| 9  | (MGMT) | Migmatite and nylonite zones; complexes of mixed metasediment and granite  |
| 8  | (MRBL) | Marble and calc-silicate gneisses  |
| 7  |        | Conglomerate   |
| 6  | (AMPB) | Amphibolite and hornblende-bearing gneisses; in part may be volcanic, intrusive or sedimentary in origin, contains hornblende-bearing amphibolite gneisses west of Virgin River  |
| 5  | (MSDM) | Mixed metasediments; undifferentiated schists and gneisses of pelitic, semi-pelitic and psammitic composition  |
| 4  | (PSCS) | Pelitic schists and gneisses; essentially aluminous metasediments including cordierite-, sillimanite-, staurolite-, and garnet-bearing biotite gneisses (many rocks mapped as "biotite gneisses" are psammitic); north of Lake Athabasca grade into migmatites |
| 3  | (MARX) | Psammites; essentially meta-arkose, quartzite and micaceous psammites  |
| 2  | (MYCC) | Metavolcanic rocks and meta-greuwackes; includes basalt, andesite, rhyolite, volcanic breccia, tuff, agglomerate, subordinate meta-greuwacke, chlorite schist and hornblende schist  |
| 1  | (GRNT) | Granite, granodiorite, quartz monzonites; may be massive or gneissic, includes areas in which meta-sediments may be intimately mixed   |

\* A four letter mnemonic name recorded as rock type as part of field observations

Geology boundary .....   
 Fault .....   
 No analytical result ..... \*  
 Gold value with detection limit of 1 ppb ..... +  
 Gold value with detection limit of 2 ppb ..... •

This legend was modified and the geology derived for this geochemical map from Geology Map of Saskatchewan, 1972

This file consists of 4 geochemical maps, the area being divided into 4 sheets, and 4 sample site location maps

Geological Survey of Canada  
Resource Geophysics and Geochemistry Division  
and  
Department of Mineral Resources  
Saskatchewan Geological Survey  
  
CONTRACTORS

Sample collection by Trigg, Woollett & Associates Ltd.  
Sample preparation by Staff of the Saskatchewan Geological Survey  
Gold analysis by Novatrack Analysts, Vancouver

Copies of map material and listings of field observations and analytical data, from which the material was prepared, may be available at users expense by application to:

K.G. Campbell Corporation  
880 Wellington St.  
Bay 238  
Ottawa, Ontario  
K1R 6K7

The data are also available in digital form. For further information please contact:

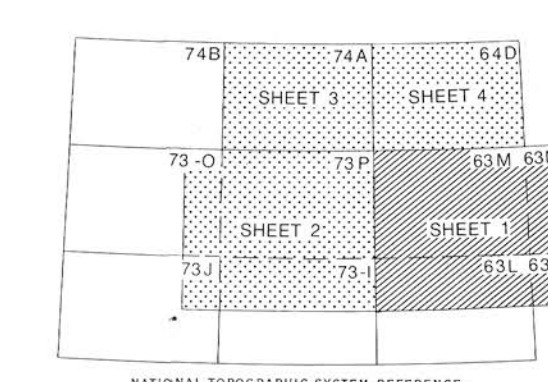
The Director  
Computer Science Centre  
Department of Energy, Mines and Resources  
Ottawa, Ontario  
K1A 0E4

Elevation in feet above mean sea level

Mean magnetic declination 1985, 13°17' East,  
decreasing 19.5' annually. Readings vary  
from 12°14' in the SE corner to 15°04' in  
the NW corner of the map area

**GOLD (ppb)**  
GSC OPEN FILE 1129  
SHEET 1  
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 73-1984  
CANADA - SASKATCHEWAN  
MINERAL DEVELOPMENT AGREEMENT (1984-89)  
LAKE SEDIMENT GEOCHEMICAL SURVEY  
EAST-CENTRAL SASKATCHEWAN, 1984  
(a supplement to GSC Open File 266 and 488)

Base map assembled by the Geological Cartography Unit from maps published at the same scale by the Surveys and Mapping Branch in 1965, 1966



SHEET 1  
GOLD (ppb)  
GSC OPEN FILE 1129  
EAST-CENTRAL SASKATCHEWAN, 1984  
(a supplement to GSC Open File 266 and 488)